

MODIFICATIONS OF DESIGN STANDARDS					
NO.	DESCRIPTION	FAA STANDARDS	EXISTING CONDITION	PROPOSED ACTION	DATE APPROVED
			NONE		

LIST OF NON-STANDARD ITEMS			
DESCRIPTION	DESIGN STANDARD	NON-STANDARD CONDITION	DISPOSITION
EXIST. RUNWAY 3-21 WIDTH	60'	70'	RESOLVED WITH ULT. RUNWAY 3-21 CLOSURE
EXIST. RUNWAY 3-21 TAXIWAY SEPARATION	150'	123'	RESOLVED WITH ULT. RUNWAY 3-21 CLOSURE
EXIST. RUNWAY 3-21 TAXIWAY SEPARATION	150'	145'	RESOLVED WITH ULT. RUNWAY 3-21 CLOSURE

AIRPORT SPONSOR APPROVAL
THIS AIRPORT LAYOUT PLAN IS HEREBY APPROVED

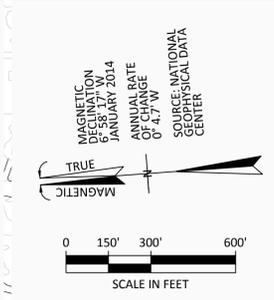
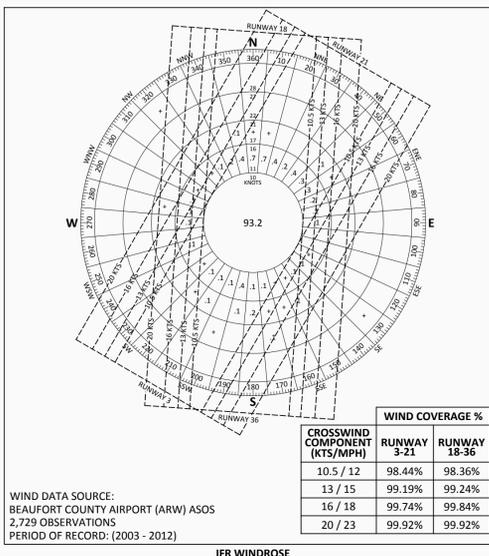
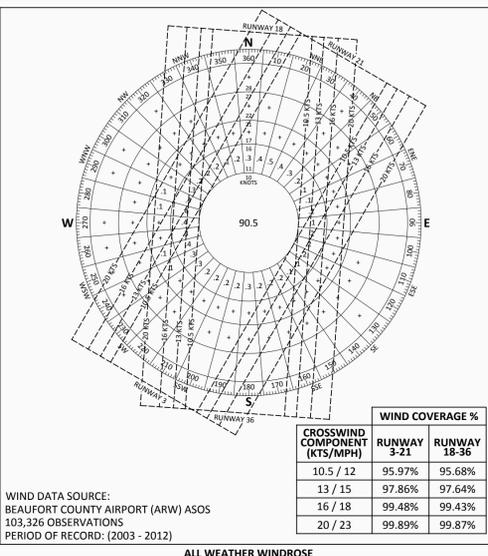
(SIGNATURE) _____ DATE: _____

NAME: _____

TITLE: _____

FAA DISCLAIMER
THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICIES OF THE FAA. THE ACCEPTANCE OF THIS PLAN BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH PUBLIC LAWS.

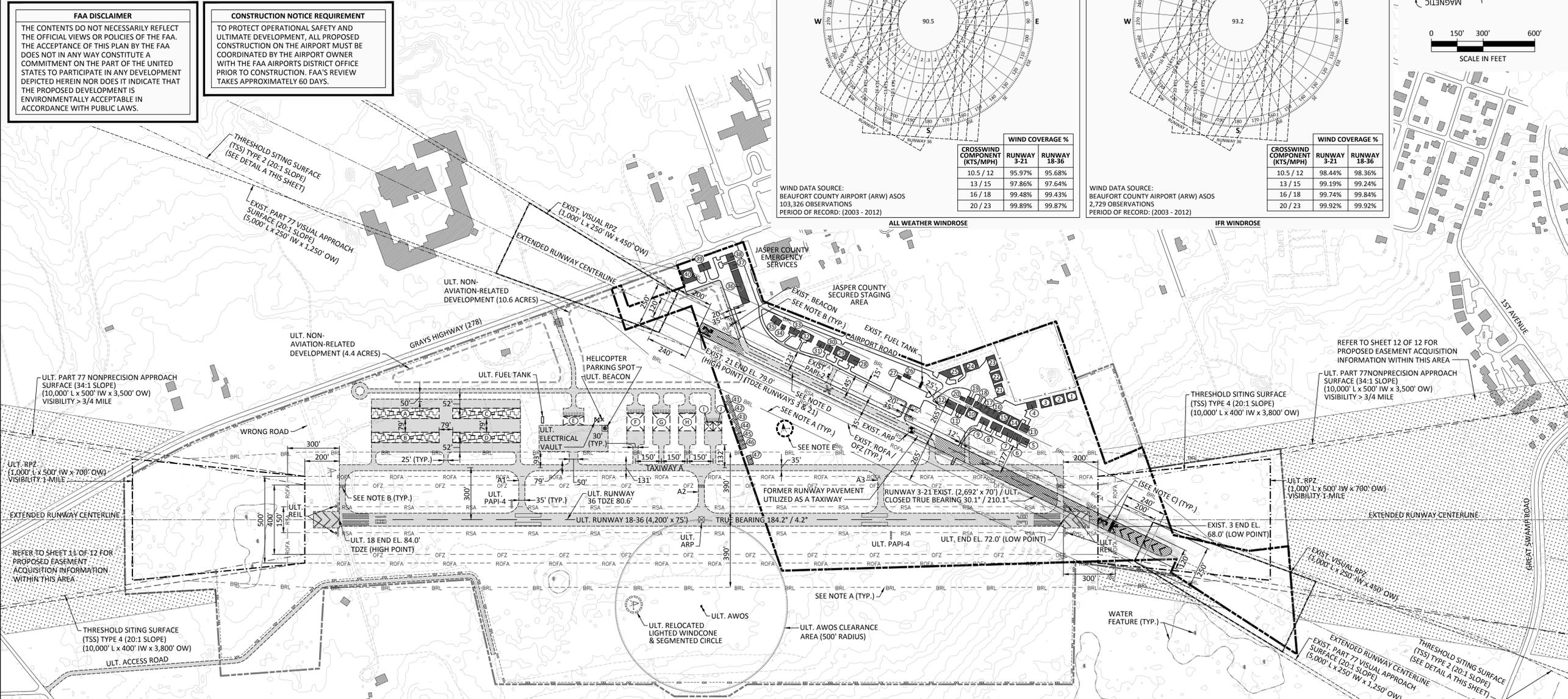
CONSTRUCTION NOTICE REQUIREMENT
TO PROTECT OPERATIONAL SAFETY AND ULTIMATE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.



Designer:	Checked by:
APN	RWO
Technician:	Project Number:
APN	133234

- NOTES:**
- GENERAL NOTES:**
- BASE MAPPING SOURCE: OBTAINED FROM SOUTH CAROLINA AERONAUTICS COMMISSION (SCAC) AND 1994 AIRPORT LAYOUT PLAN (ALP) UPDATE.
 - ALL ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL (AMSL).
 - THERE ARE NO EXISTING TAXIWAY DESIGNATIONS. TAXIWAY DESIGNATIONS SHOWN REFLECT ULTIMATE CONDITIONS.
 - NO EXISTING PACS AND SACS INFORMATION WAS AVAILABLE.

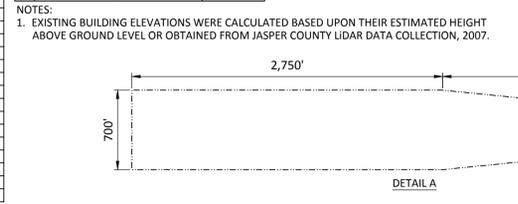
- PLAN REFERENCED NOTES:**
- BUILDING RESTRICTION LINE (BRL) ASSUMES A HEIGHT OF 20' ABOVE GROUND LEVEL (AGL). BUILDINGS LESS THAN 20' AGL COULD BE POSITIONED CLOSER TO THE RUNWAY AND BUILDINGS TALLER THAN 20' AGL WILL BE REQUIRED TO BE FURTHER FROM THE RUNWAY.
 - THERE ARE NO EXISTING HOLDING POSITION MARKINGS FOR RUNWAY 3-21. ULTIMATE HOLDING POSITION MARKINGS FOR RUNWAY 18-36 ARE 200' FROM RUNWAY CENTERLINE.
 - FOLLOWING THE CONSTRUCTION OF ULTIMATE RUNWAY 18-36, EXISTING RUNWAY 3-21 WILL BE CLOSED AND UTILIZED AS A TAXIWAY.
 - EXISTING RUNWAY MARKINGS TO BE REMOVED IN CONJUNCTION WITH CLOSURE OF RUNWAY 3-21.
 - EXISTING LIGHTED WINDCONE & SEGMENTED CIRCLE TO BE RELOCATED.



	RUNWAY 3-21		RUNWAY 18-36	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
RUNWAY LENGTH	2,692'	CLOSED	N/A	4,200'
RUNWAY WIDTH	70'	CLOSED	N/A	75'
RUNWAY DESIGN CODE	B-1 (UTILITY)	CLOSED	N/A	B-II
CRITICAL AIRCRAFT	BEECHCRAFT BARON 58	CLOSED	N/A	BEECHCRAFT KING AIR 250
TRUE BEARING	30.10° / 210.10°	CLOSED	N/A	184.2° / 4.2°
EFFECTIVE GRADE (%)	-0.41% / 0.41%	CLOSED	N/A	-0.29% / 0.29%
RSA DIMENSIONS (RUNWAY END)	240' x 120'	CLOSED	N/A	300' x 150'
ROFA DIMENSIONS (RUNWAY END)	240' x 250'	CLOSED	N/A	300' x 500'
OFZ DIMENSIONS (RUNWAY END)	200' x 250'	CLOSED	N/A	200' x 400'
RUNWAY LIGHTING	MIRL	CLOSED	N/A	MIRL
PAVEMENT STRENGTH:				
SINGLE WHEEL GEAR (LBS)	12,500	CLOSED	N/A	30,000
DUAL WHEEL GEAR (LBS)	70'	CLOSED	N/A	45,000
PAVEMENT SURFACE TYPE	ASPHALT	CLOSED	N/A	ASPHALT
PRIMARY SURFACE (FAR PART 77)	250'	CLOSED	N/A	500'

	RUNWAY 3		RUNWAY 21		RUNWAY 18		RUNWAY 36	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
FAR PART 77 APPROACH CATEGORY	CLOSED	CLOSED	N/A	CLOSED	N/A	CLOSED	N/A	CLOSED
PART 77 APPROACH SURFACE SLOPE	20:1	CLOSED	N/A	20:1	N/A	20:1	N/A	20:1
THRESHOLD SITING SURFACE (TSS) SLOPE / TYPE	20:1 / TYPE 2	CLOSED	N/A	20:1 / TYPE 2	N/A	20:1 / TYPE 4	N/A	20:1
APPROACH MINIMUMS	VISUAL	CLOSED	N/A	VISUAL	CLOSED	1-MILE	N/A	1-MILE
TYPE OF APPROACH TO RUNWAY END	VISUAL	CLOSED	N/A	VISUAL	CLOSED	GPS	N/A	GPS

EXISTING BUILDING TABLE			ULTIMATE BUILDING TABLE		
#	DESCRIPTION	TOP ELEVATION	#	DESCRIPTION	TOP ELEVATION
1	PRIVATE HANGAR	88.0'	25	PRIVATE HANGAR	88.0'
2	PRIVATE HANGAR	88.0'	26	TERMINAL BUILDING	87.0'
3	PRIVATE HANGAR	88.0'	27	SHELTER	87.0'
4	PRIVATE HANGAR	86.0'	28	PRIVATE HANGAR	94.0'
5	PRIVATE HANGAR	84.0'	29	PRIVATE HANGAR	94.0'
6	PRIVATE HANGAR	88.0'	30	PRIVATE HANGAR	88.0'
7	PRIVATE HANGAR	84.0'	31	PRIVATE HANGAR	78.0'
8	PRIVATE HANGAR	86.0'	32	PRIVATE HANGAR	78.0'
9	PRIVATE HANGAR	88.0'	33	PRIVATE HANGAR	98.0'
10	PRIVATE HANGAR	88.0'	34	SQUADRON BUILDING	87.0'
11	PRIVATE HANGAR	84.0'	35	ADMINISTRATION BUILDING	86.0'
12	PRIVATE HANGAR	88.0'	36	T-HANGAR	85.0'
13	PRIVATE HANGAR	88.0'	37	PRIVATE HANGAR	85.0'
14	PRIVATE HANGAR	92.0'	38	PRIVATE HANGAR	85.0'
15	PRIVATE HANGAR	86.0'	39	PRIVATE HANGAR	85.0'
16	PRIVATE HANGAR	86.0'	40	PRIVATE HANGAR	98.0'
17	PRIVATE HANGAR	84.0'	41	PRIVATE HANGAR	88.0'
18	PRIVATE HANGAR	84.0'	42	PRIVATE HANGAR	90.0'
19	PRIVATE HANGAR	84.0'	43	PRIVATE HANGAR	88.0'
20	STORAGE SHED	81.0'	44	PRIVATE HANGAR	82.0'
21	PRIVATE HANGAR	94.0'	45	PRIVATE HANGAR	104.0'
22	PRIVATE HANGAR	94.0'	46	PRIVATE HANGAR	88.0'
23	PRIVATE HANGAR	96.0'	47	PRIVATE HANGAR	88.0'
24	PRIVATE HANGAR	90.0'			



LEGEND		
DESCRIPTION	EXISTING	ULTIMATE
PROPERTY LINE	---	---
BUILDINGS	█	█
BUILDINGS (TO BE REMOVED / RELOCATED)	N/A	█
PAVEMENT	▨	▨
RUNWAY MARKINGS	---	---
RSA	---	---
ROFA	---	---
OFZ	---	---
BRL	---	---
NAVAIDS / LIGHTING	□	□
FENCE	---	---
EASEMENT	N/A	---
PAVEMENT REMOVAL	N/A	█
GROUND CONTOURS	---	N/A

AIRPORT DATA TABLE		
AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE	B-1 (UTILITY)	B-1
SERVICE LEVEL (NPIAS)	GENERAL AVIATION	SAME
STATE AIRPORT CLASSIFICATION	SC-IV	SC-III
AIRPORT ELEVATION (AMSL) (NAVD88)	79.0'	84.0'
MEAN MAX. TEMP. (HOTTEST MONTH)	92° JULY	N 32° 29' 48.6671"
AIRPORT REFERENCE POINT (NAVD 83)	LATITUDE N 32° 29' 36.3000"	LONGITUDE W 80° 59' 36.3000"
MAGNETIC DECLINATION (NOVEMBER 2013)	6° 58' 17" W	6° 58' 17" W
AIRPORT IDENTIFIER	3J1	SAME
AIRPORT & TERMINAL AREA NAVAIDS	BEACON, PAPI-2, WINDCONE, GPS, SEGMENTED CIRCLE	BEACON, PAPI-4, WINDCONE, GPS, SEGMENTED CIRCLE, REILS, AWOS

REVISIONS			
NO.	DESCRIPTION AND ITEMS ADDED / REVISED	DATE APPROVED	APPROVED BY

Project Name: **RIDGELAND AIRPORT (3J1) AIRPORT LAYOUT PLAN UPDATE**

Drawing Name: **AIRPORT LAYOUT PLAN DRAWING**

State Grant Number: **13-004**

Date: **JUNE 2014** Division: **PLANNING**

Scale: (24X36) Drawing Number: **1**

1" = 300'

Y:\Planning\3J1 - Ridgeland Airport\3J1 ALP Update - 133234 Drawings\ALP Set\01-3J1-ALP.dwg Modified: Jun 16, 2014 - 8:27am Plotted: Jun 18, 2014 - 8:28am apozarkewych